

Title (en)

WAVEGUIDES WITH LIGHT ABSORBING FILMS AND PROCESSES FOR FORMING THE SAME

Title (de)

WELLENLEITER MIT LICHTABSORBIERENDEN FILMEN UND VERFAHREN ZUR FORMUNG DAVON

Title (fr)

GUIDES D'ONDES À FILMS ABSORBANT LA LUMIÈRE ET PROCÉDÉS DE FORMATION ASSOCIÉS

Publication

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Application

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Abstract (en)

[origin: US2018267312A1] In some embodiments, a display device includes one or more waveguides having a vapor deposited light absorbing film on edges of the waveguide to mitigate ghost images. In some embodiments, the film is formed directly on the edge of the waveguide by a vapor deposition, such as an evaporative deposition process. In some embodiments, the light absorbing films may comprise carbon, for example carbon in the form of one or more allotropes of carbon, such as fullerenes, or black silicon.

IPC 8 full level

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